

10/511041

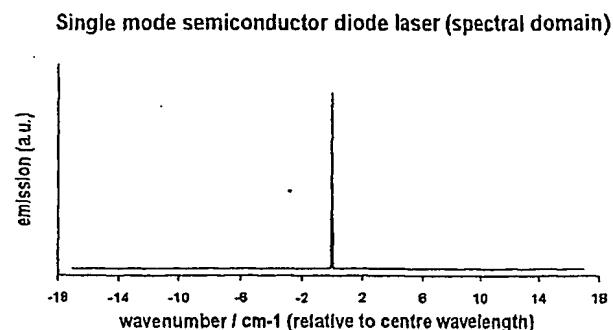


Fig.1a

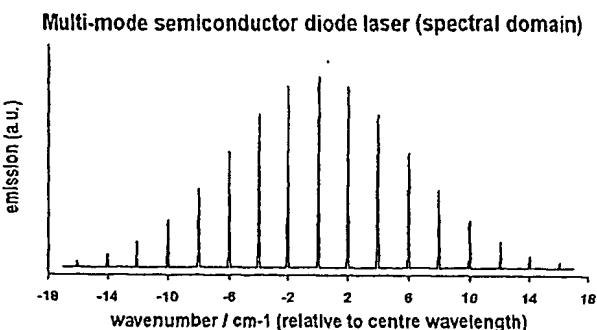


Fig.1b

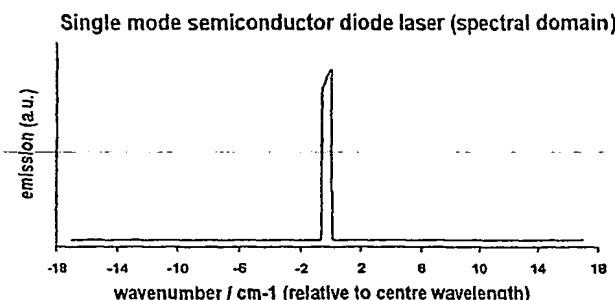


Fig.1c

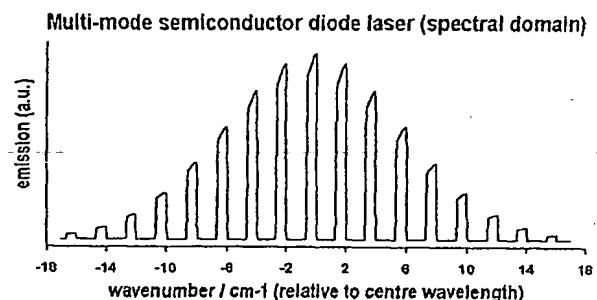


Fig.1d

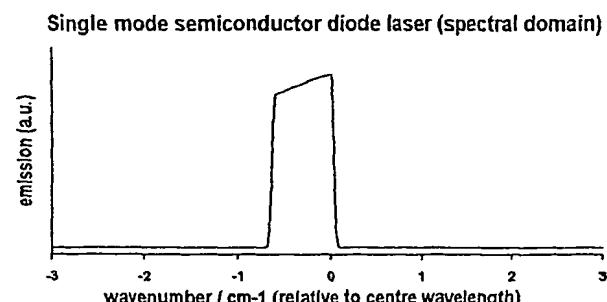


Fig.1e

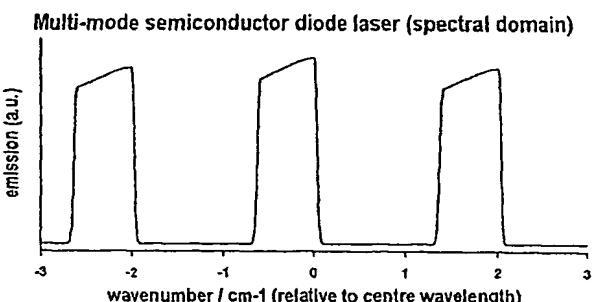


Fig.1f

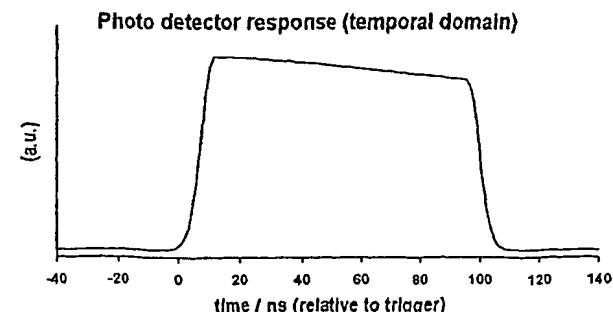


Fig.1g

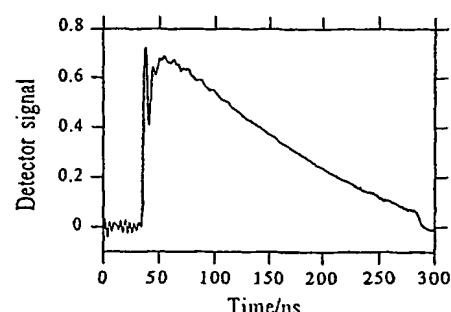


Fig.1h

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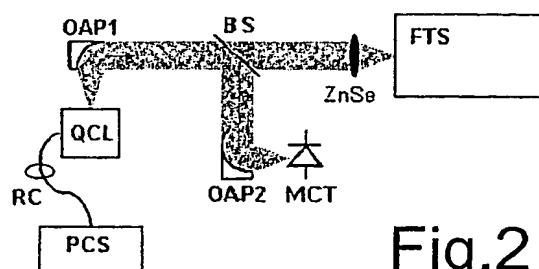


Fig.2

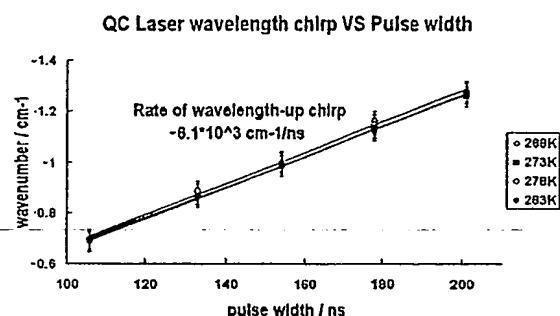


Fig.3a

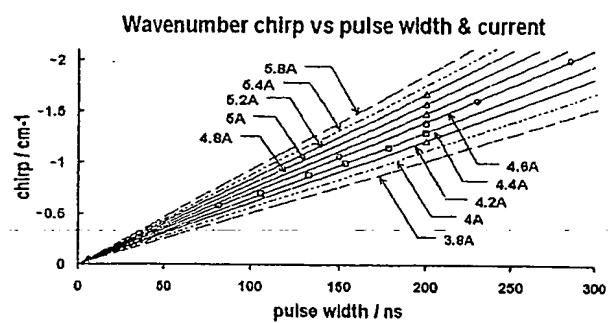


Fig.3b

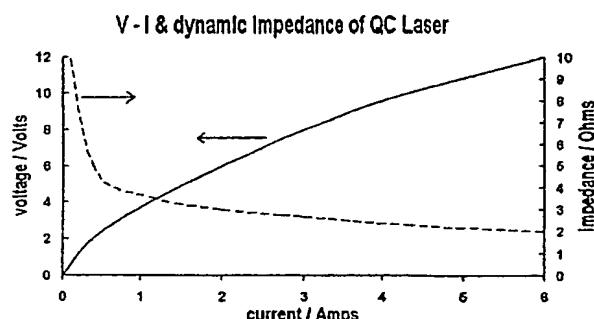


Fig4a

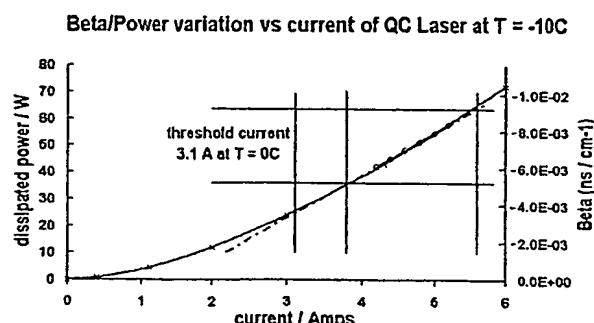


Fig4b

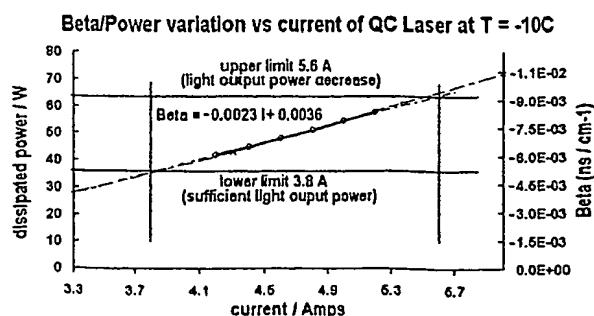


Fig.4c

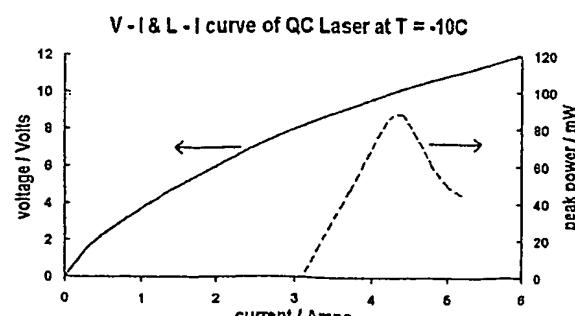


Fig.5

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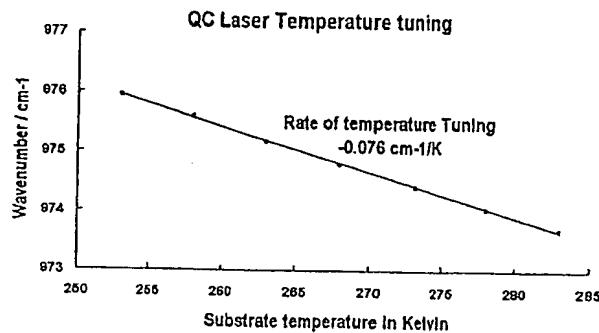


Fig.6a

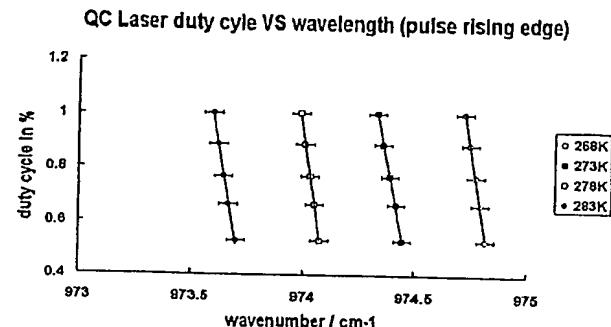


Fig.6b

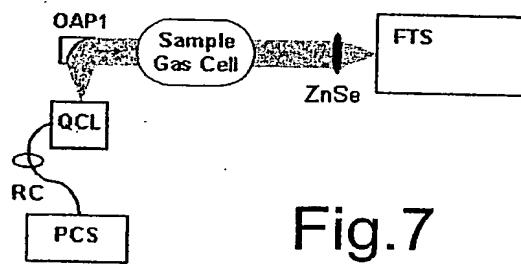


Fig.7

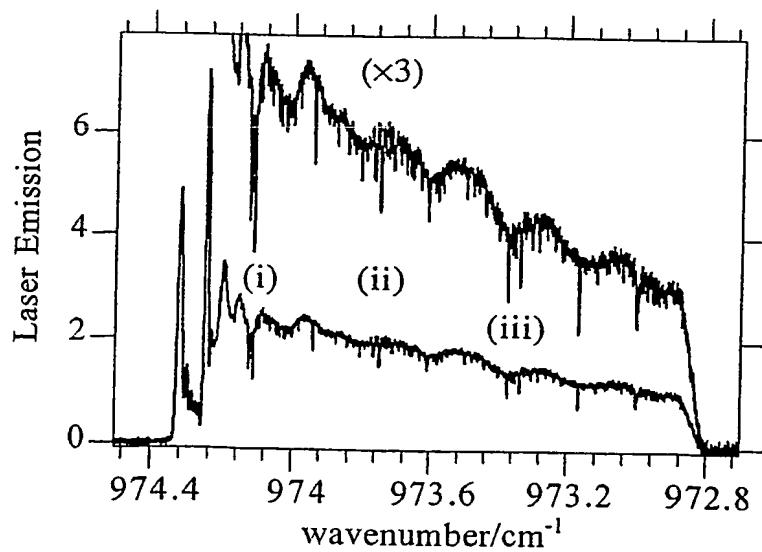


Fig.8

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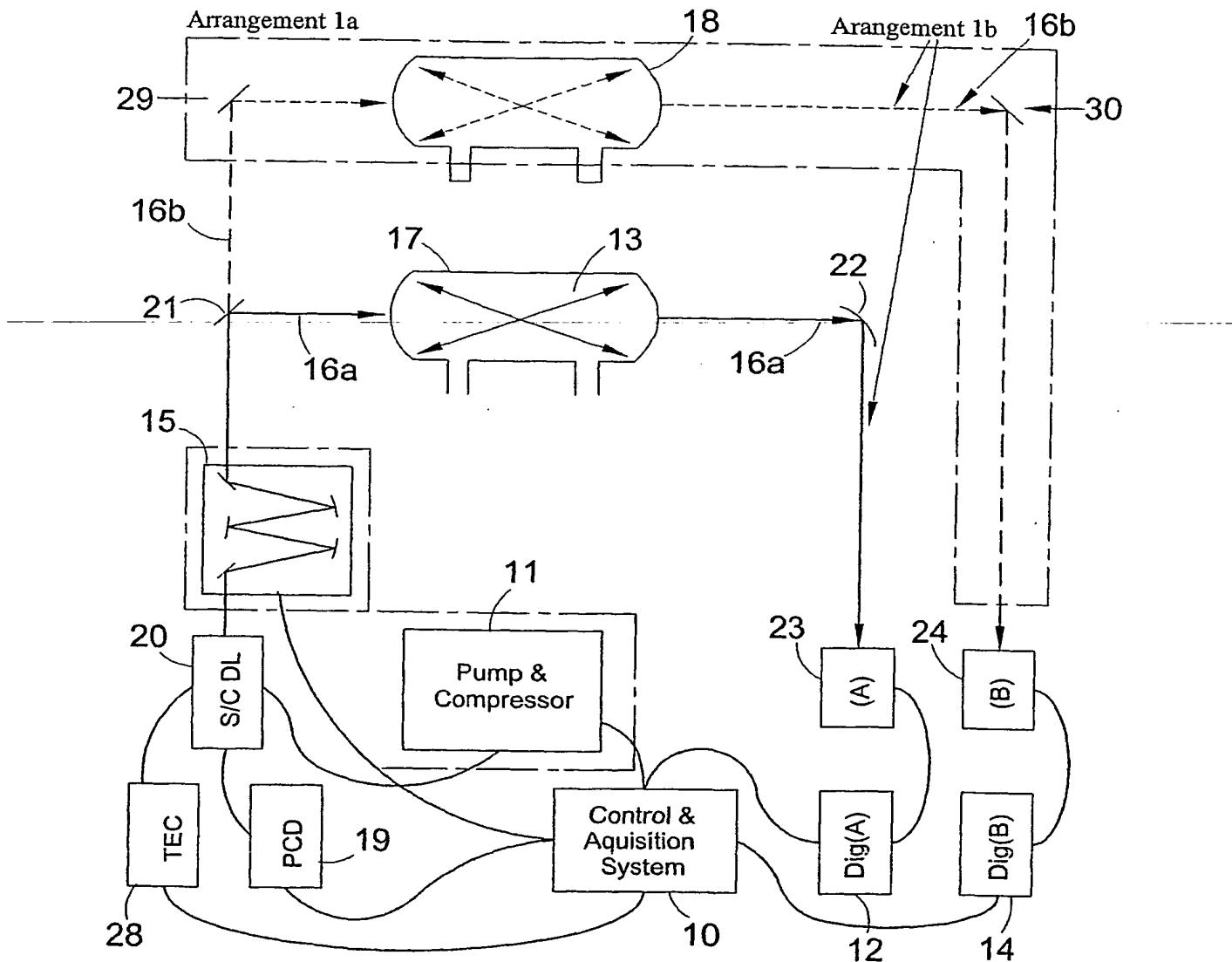
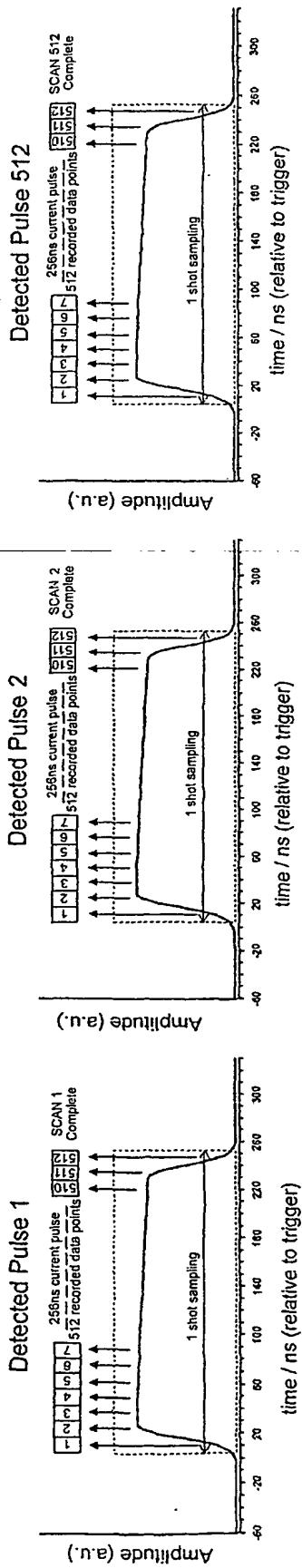
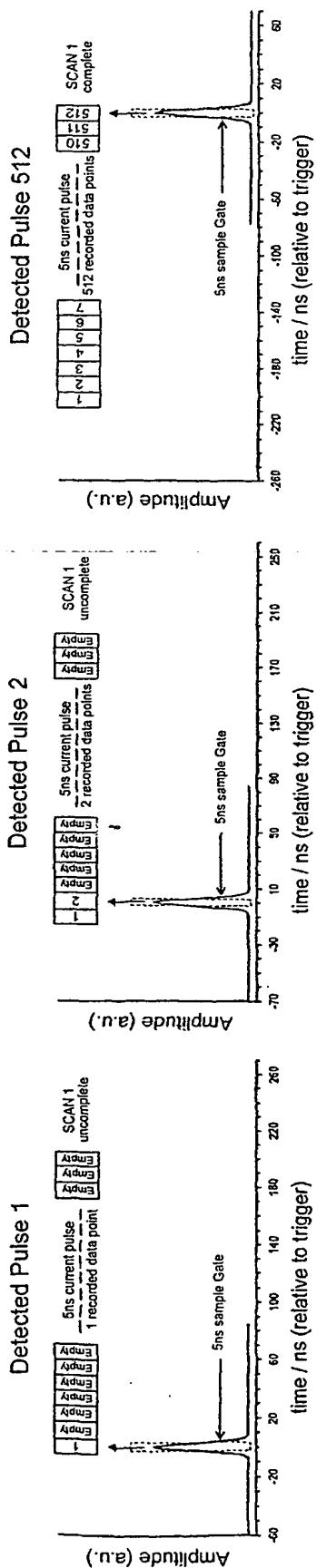


Fig.9

Method 1



Method 2



39.1 ms duration at 20KHz PRF

Fig. 10

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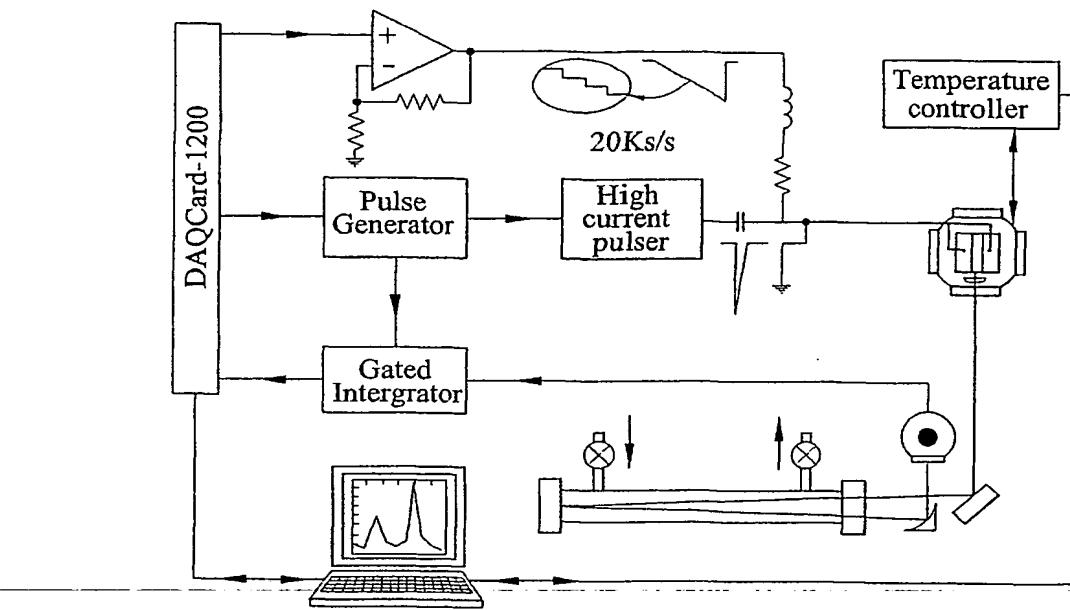


Fig11

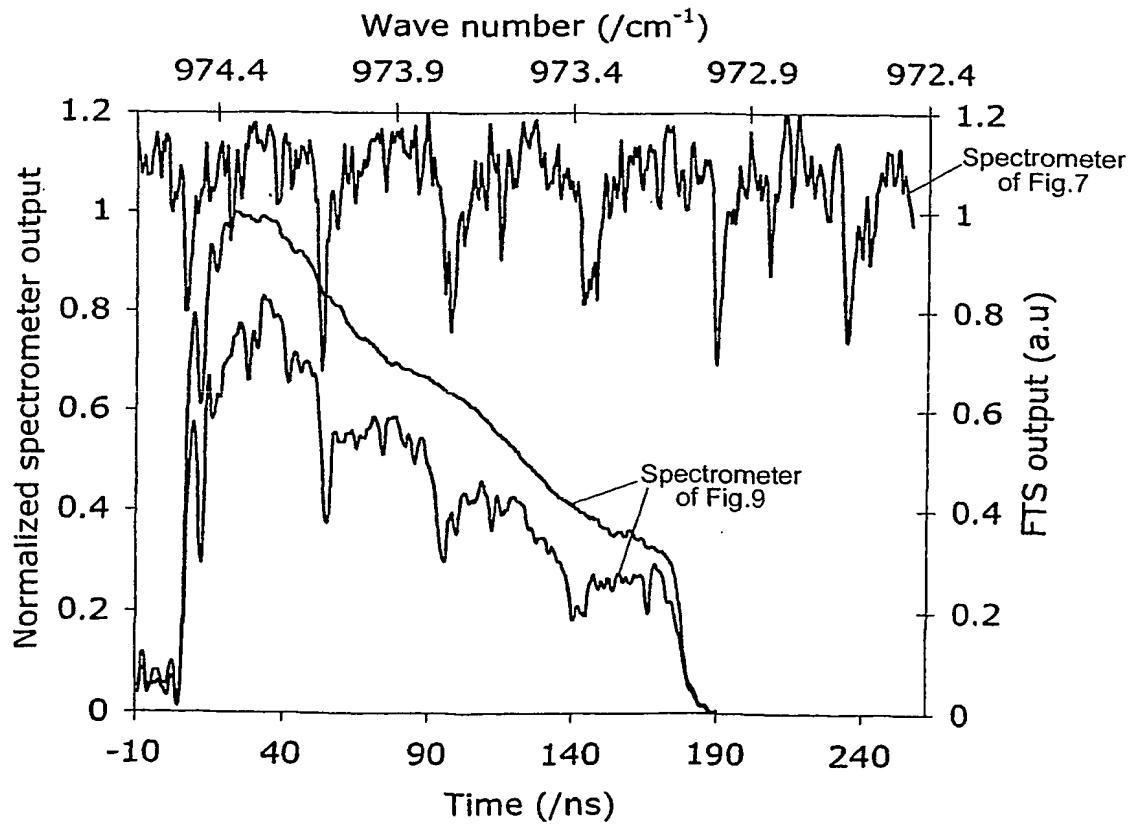


Fig.12

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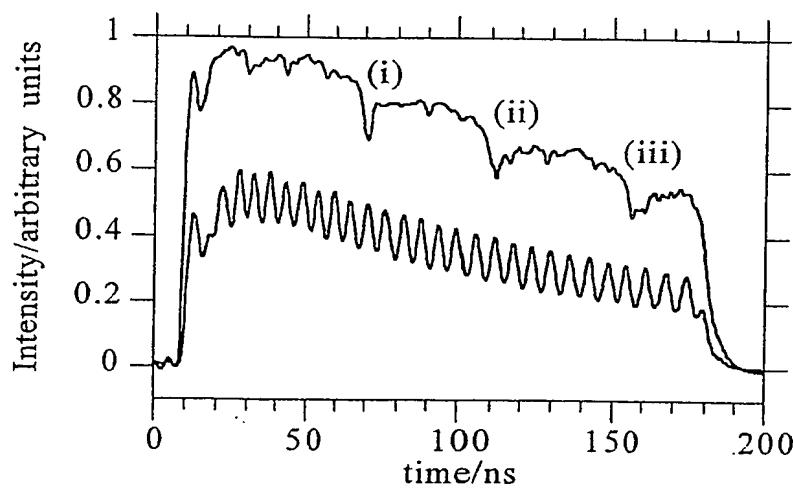


Fig.13

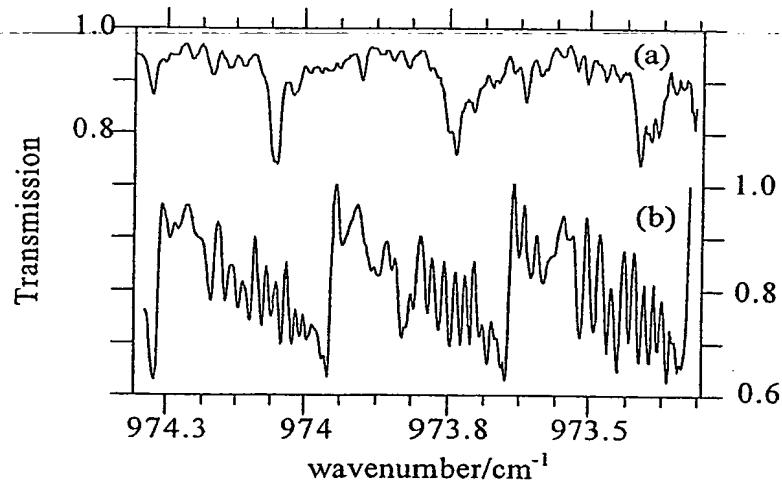


Fig.14

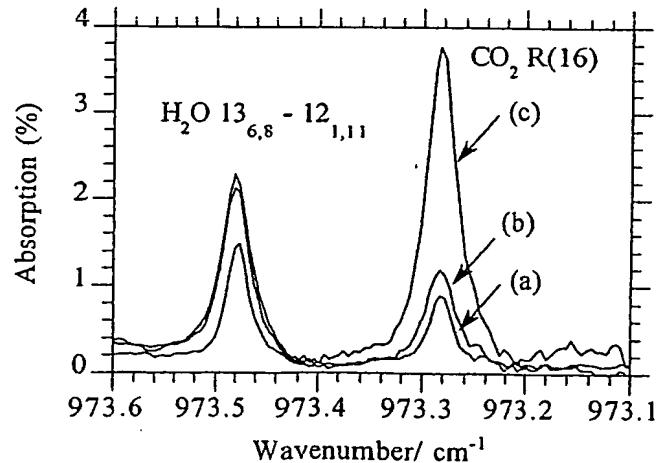


Fig.15

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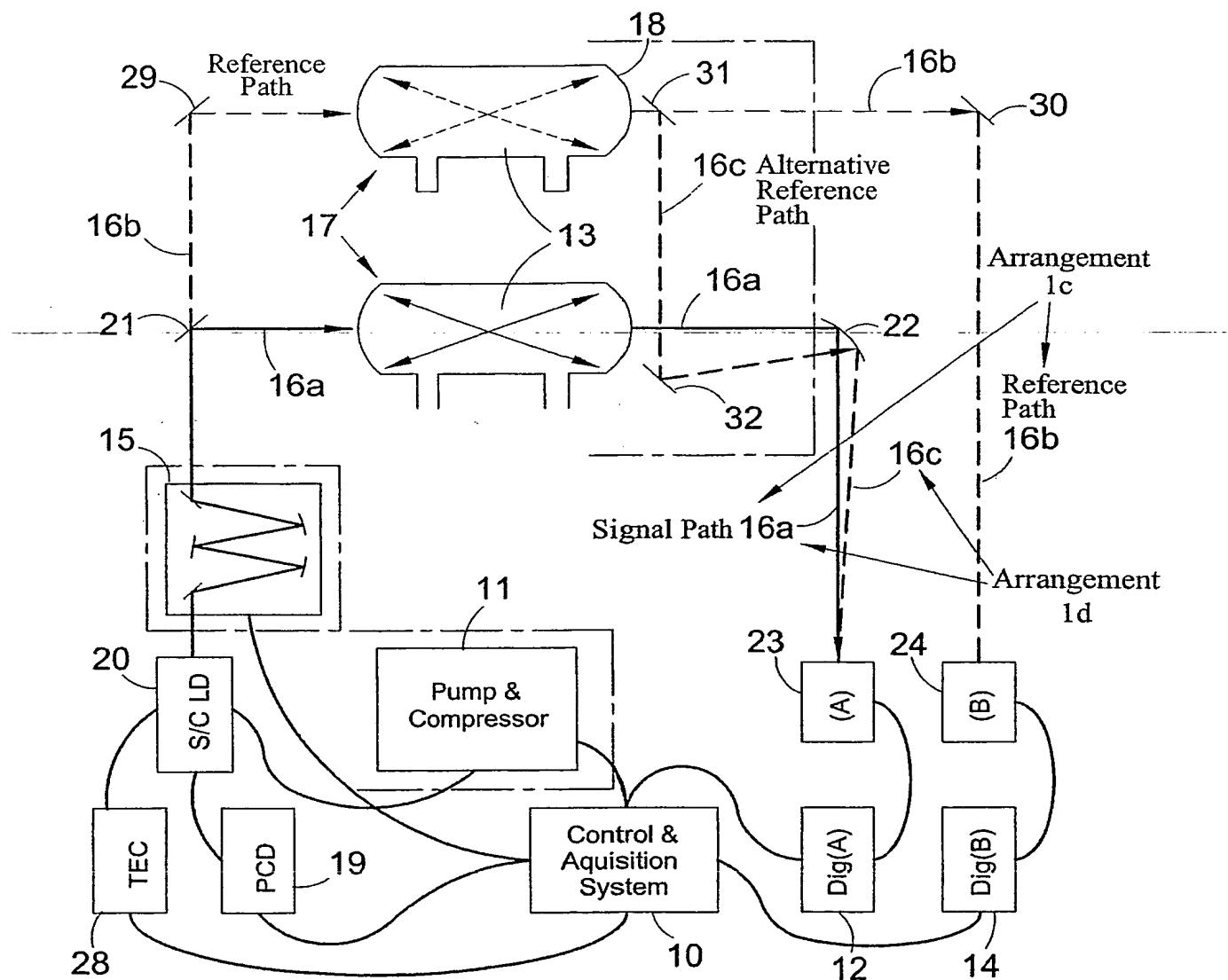


Fig.16

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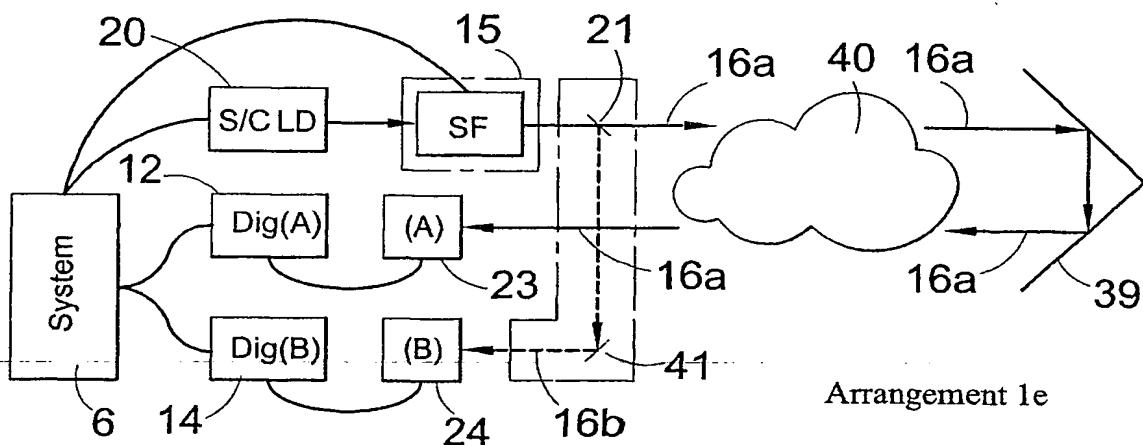


Fig.17

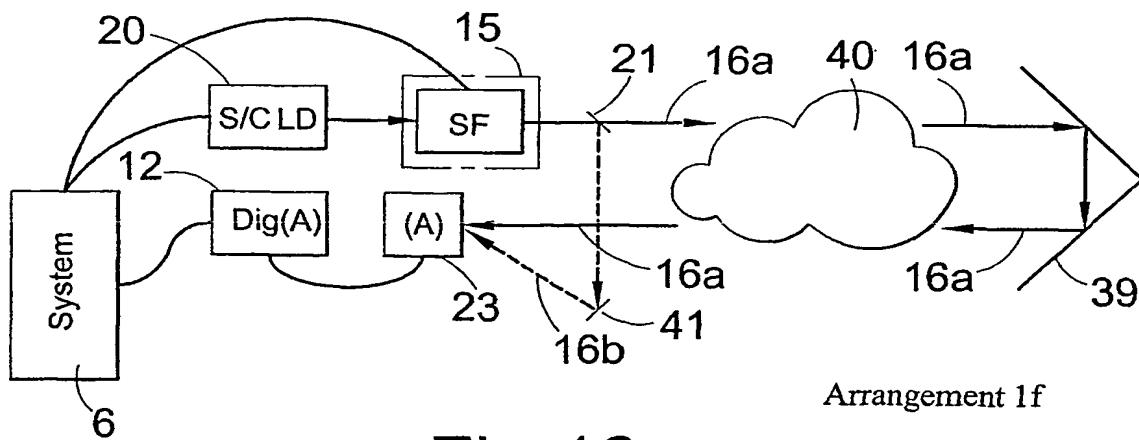


Fig.18

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**Multi-mode semiconductor diode laser & Sample Gas
(spectral domain)**

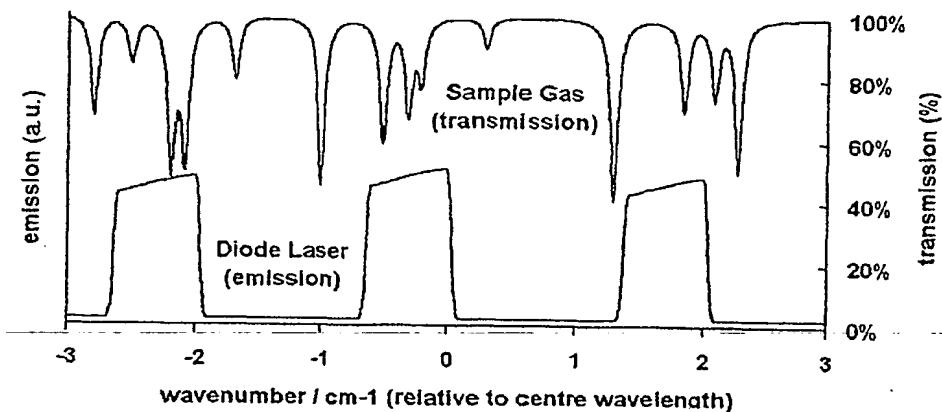


Fig.19a

**Multi-mode semiconductor diode laser: absorbed
(spectral domain)**

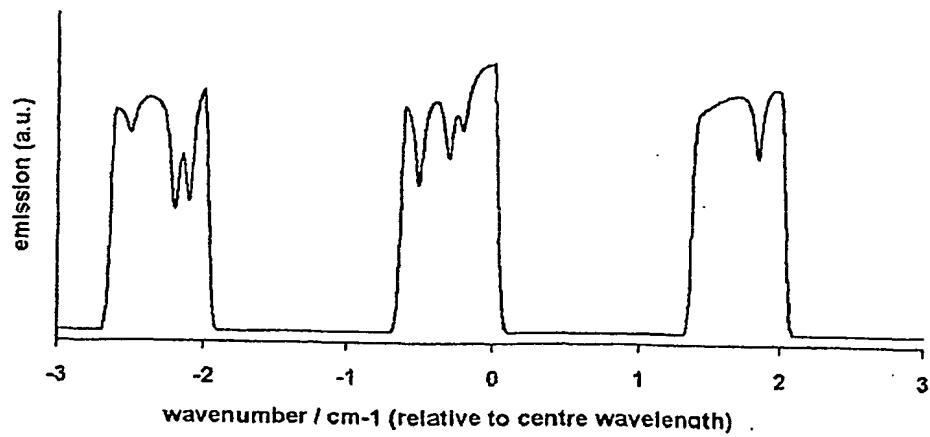


Fig.19b

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**Multi-mode semiconductor diode laser & Sample Gas
(spectral domain)**

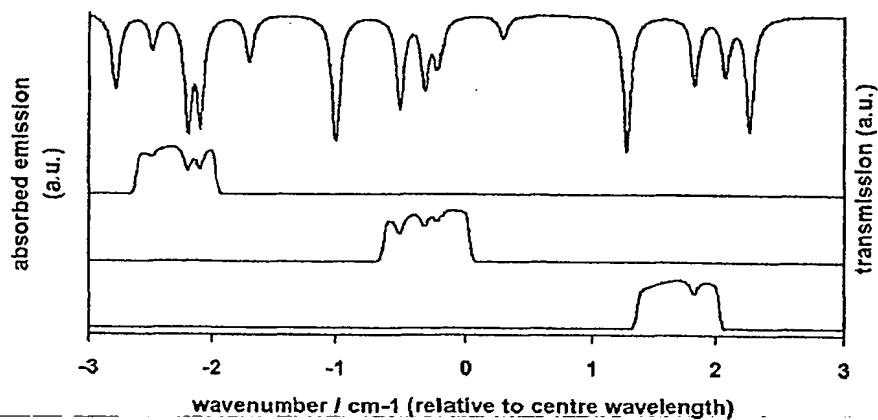


Fig.20

**Multi-mode semiconductor diode laser & Sample Gas +
temp. tuning (spectral domain)**

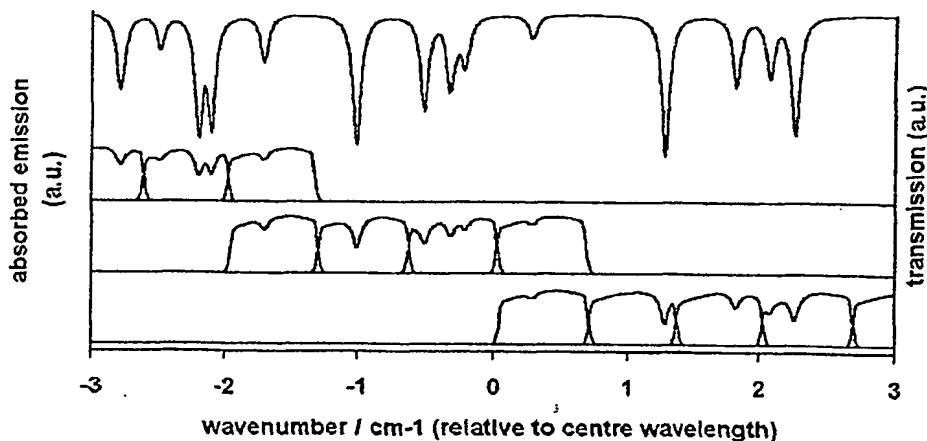


Fig.21

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